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PRODUCT VIEW

▶ Autoclave/Sterilizer

▶ Bath & Circulator

▶ Block Heater

▶ Clean Bench

▶ Climatic Chamber

▶ Growth Chamber

▶ Incubator

▶ Muffle Furnace

▶ Orbital Shaker

▶ Oven

▶ Shaking Incubator

▶ Storage Chamber

Product Qna

PRODUCT Q&A


Product View

PRODUCT VIEW

Autoclave

Autoclave

JSAC-100



Product Category

Autoclave/Sterilizer

Product

Autoclave

Model

JSAC-40 JSAC-60 JSAC-80 JSAC-100

Main Specifications

▶Temp. up to 123℃

▶Accuracy < ± 0.5℃ at 121.0℃

▶Pressure up to 1.2kg-f/cm²

▶Digital PID control with pt-100 sensor

▶Fully automated sterilization cycle

▶Triple safety feature

Convenience & safety

Vertical loading with service basket

Digital PID controller precisely control set temp-erature within ±0.5℃ and sterilization time in min : sec.

Dual LED displays present temperature and set temp ? erature or remaining time simultaneously.

Stainless Steel 304 (AISI304) interior, lid and top to protect from corrosion by water and steam

Incoloy heating element, provides long life, resistant to corrosion and high temperature in repeated use

Triple safety feature for over temperature and over - pressure

For sterilization of bacteria, microorganism and virus with steamed hot air usually at 121℃,1.2kgf/cm²

Sterilization for laboratory ware needs being sterilized before use such as flasks, bottles, pipets, animal cages, and plasticware, broth or agar media for bacterial culture or disposal of biohazard wastes such as syringe, cloth, gloves or Petri dishes.

Specifications & Ordering Information

Cat.No	Description	Size
JSAC-80	Digital pt-100 Sensor	80L
JSAC-100	Digital pt-100 Sensor	100L
JSAC-60	Digital pt-100 Sensor	60L
JSAC-40	Digital pt-100 Sensor	40L

Model	JSAC-40	JSAC-60	JSAC-80	JSAC-100
Chamber Volume (Capacity)	40L	60L	80L	100L
Temp.	Direct heating by stainless Steel incolony heater			
Heating Type	Up to 123 °C			
Range	±0.5 °C at 121°C			
Accuracy				

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	Uniformity	±2.0 °C at 121°C			
	Heat Up Time to 121 °C	Approx. 25min			
	Heater	2KW	3KW	4KW	5KW
Control	Main Controller	Digital PID Controller with Timer, Auto-Tuning, Calibration Function			
	Wait off Timer	mm:ss/hh:mm/Continuous Selectable			
	Sensor	Pt 100 Ω			
Safety Device	Temp.	Hydraulic Over Temperature Protection Safety Device			
	Electrical Pressure	Electrical Leakage Breaker Mechanical Over pressure safety valve			
Dimensions	Inner	φ300XH620	φ350XH620	φ400XH620	φ450XH620
WxDXH mm	Outer	710X550X1160	760X630X1160	800X680X1210	840X680X1210
	Usable	φ280XH600	φ330XH600	φ380XH600	φ430XH600
	Basket	φ280XH280	φ330XH280	φ380XH280	φ430XH280
Basket	Type	Stainless Steel Perforated Basket			
	# of Basket	2			
	Maximum Basket Load	2			
	Plug Type	European 220 VAC STD Plug		3Plug	
	Power Consumption	10A	13A	19A	23A
	Electrical Requirement	220 VAC 50/60 Hz or 120 VAC 60 Hz			

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